

09699209

ITW



PATENT
Customer No. 22,852
Attorney Docket No. 09812.0631-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Takefumi NAGUMO et al.)
)
Patent No. 6,970,514) Confirmation Number: 8273
)
Issued: November 29, 2005)
)
For: SIGNAL PROCESSING)
DEVICE, SIGNAL)
PROCESSING METHOD,)
DECODING METHOD AND)
RECORDING MEDIUM)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**RESUBMISSION OF REVOCATION OF ORIGINAL POWER OF ATTORNEY AND
GRANT OF NEW POWER OF ATTORNEY WITH CHANGE OF CORRESPONDENCE
ADDRESS**

We enclose a Revocation of Original Power of Attorney and Grant of New Power of Attorney for filing in the U.S. Patent and Trademark Office. Please associate the enclosed Revocation and Grant of Power of Attorney with this file. Please also note that the Attorney Docket Number for this application is now 09812.0631-00000.

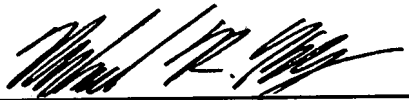
In accordance with the provisions of 37 C.F.R. § 3.73(b), Sony Corporation is the sole assignee of this patent application, as evidenced by an Assignment from Takefumi NAGUMO, Yoichi YAGASAKI and Kuniaki TAKAHASHI to Sony Corporation recorded for Application No. 09/699,209 at Reel 011270, Frame 0939 in the U.S. Patent and Trademark Office on October 27, 2000. For your convenience, a copy of a Notice of

Recordation of Assignment Document mailed January 30, 2001, including a copy of an Assignment executed on September 25, 2000, September 28, 2000 and September 28, 2000 is also provided herewith.

If there is any other fees due in connection with the filing of this Submission, please charge the fees to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
Michael R. Kelly
Reg. No. 33,921

DATED: November 19, 2007



PATENT

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application in the attached statement under 37 C.F.R. § 3.73(b).

I hereby grant power of attorney to FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Customer Number 22,852, as attorneys or agents to represent the undersigned before the United States Patent and Trademark Office in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 C.F.R. § 3.73(b).

Please also send all future correspondence concerning the application identified in the attached statement under 37 C.F.R. § 3.73(b) to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., Customer Number 22,852.

The undersigned understands that a copy of this form, together with a statement under 37 C.F.R. § 3.73(b) is required to be filed in each application in which this form is used. The statement under 37 C.F.R. § 3.73(b) may be completed by one of the practitioners appointed in this form, if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which the Power of Attorney is to be filed.

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee.

Date: July 27, 2005

Name: Koichi Wada

Title: Manager, Intellectual Property Division

Signature: Koichi Wada



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JANUARY 30, 2001

FROMMER LAWRENCE R. HAUG
WILLIAM S. FROMMER
745 FIFTH AVENUE
NEW YORK, NEW YORK 10151

PTAS



DOCKETED

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/27/2000

REEL/FRAME: 011270/0939
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
NAGUMO, TAKEFUMI

DOC DATE: 09/25/2000

ASSIGNOR:
YAGASAKI, YOICHI

DOC DATE: 09/28/2000

ASSIGNOR:
TAKAHASHI, KUNIAKI

DOC DATE: 09/28/2000

ASSIGNEE:
SONY CORPORATION
7-35-KITASHINAGAWA-6-CHOME
SHINAGAWA-KU
TOKYO 141-0001, JAPAN

SERIAL NUMBER: 09699209
PATENT NUMBER:

FILING DATE: 10/27/2000
ISSUE DATE:

10/30/2000
10:16:06
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PATENT & TRADEMARK OFFICE
HAUG, LLP

011270/0939 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-27-00

11-29-2000

File No.: 450100-02802

09699209

RECORDATION
PAT



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101532006

Documents or copy thereof.

To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies)

Takefumi NAGUMO, Yoichi YAGASAKI, Kuniaki TAKAHASHI

Additional name(s) of conveying party(ies) attached?
☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment
- ☐ Security Agreement
- ☐ Merger
- ☐ Change of Name
- ☐ Other

Execution Date: September 25, September 28 and September 28, 2000

2. Name and address of receiving party(ies)

Name: SONY CORPORATION
7-35 Kitashinagawa 6-chome
Shinagawa-Ku, Tokyo 141-0001, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 25, September 28 and September 28, 2000

A. Patent Application No.(s) _____ filed _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WILLIAM S. FROMMER
Internal Address: FROMMER LAWRENCE & HAUG LLP
Street Address: 745 FIFTH AVENUE
City: NEW YORK State: N.Y. Zip: 10151

6. Total number of applications and patents involved

1

7. Total fee (37 CFR 3.41) \$ 40.00
☒ Enclosed
☐ Authorized to be charged to deposit account 50-0320

8. Deposit account number:
(Attach duplicate copy of this page if paying by deposit account)

Do not use this space

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William S. Frommer
Name of Person Signing

Signature

October 27, 2000

Date

Total number of pages including cover sheet, attachments, and document: 2

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

11/28/2000 MTHAI1 00000416 09699209

01 FC:581

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Box Assignments
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

SIGNAL PROCESSING DEVICE, SIGNAL PROCESSING METHOD, DECODING DEVICE,
DECODING METHOD AND RECORDING MEDIUM

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: _____, Filing Date: _____.

This assignment executed on the dates indicated below:

TAKEFUMI NAGUMO

Name of first or sole inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
Residence of first or sole inventor	September 25, 2000
<i>Takefumi Nagumo</i>	<i>September 25, 2000</i>
Signature of first or sole inventor	Date of this assignment
<i>Takefumi Nagumo</i>	<i>September 25, 2000 T.N.</i>

YOICHI YAGASAKI

Name of second inventor	Execution date of U.S. Patent Application
TOKYO, JAPAN	
Residence of second inventor	September 28, 2000
<i>Yoichi Yagasaki</i>	<i>September 28, 2000</i>
Signature of second inventor	Date of this assignment

KUNIAKI TAKAHASHI

Name of third inventor	Execution date of U.S. Patent Application
KANAGAWA, JAPAN	
Residence of third inventor	September 28, 2000
<i>K. J.</i>	<i>September 28, 2000</i>
Signature of third inventor	Date of this assignment